



Atty. Dkt. No. 024536-0138

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenichi MACHIDA et al.  
Title: VARIABLE VALVE CONTROL APPARATUS FOR INTERNAL  
COMBUSTION ENGINE AND METHOD THEREOF  
Appl. No.: Unassigned  
Filing Date: December 9, 2003  
Examiner: Unknown  
Art. Unit: Unknown



**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility  
patent application of:

Kenichi MACHIDA  
Makoto NAKAMURA  
Hirokazu SHIMIZU  
Isamu IIZUKA

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (21 pages).
- [ X ] Formal drawings (13 sheets, Figures 1-14).
- [ X ] Declaration and Power of Attorney (4 pages).
- [ X ] Assignment of the invention to HITACHI UNISIA AUTOMOTIVE, LTD.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Information Disclosure Statement.

- ☒ Form PTO/SB/08 with copies of 4 listed reference(s).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☒ Claim for Convention Priority with 1 certified Japanese priority document.

The filing fee is calculated below:

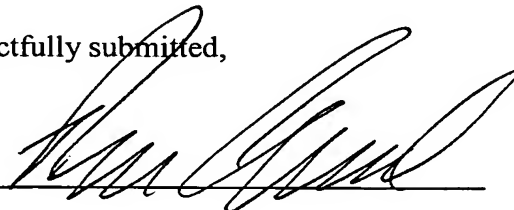
|   | Claims<br>as Filed |   | Included<br>in<br>Basic Fee |   | Extra<br>Claims |   | Rate   |   | Fee<br>Totals |
|---|--------------------|---|-----------------------------|---|-----------------|---|--|---|---------------|
| Basic Fee                                   |                    |   |                             |   |                 |   | \$770.00                                       | = | \$770.00      |
| Total                                       | 24                 | - | 20                          | = | 4               | x | \$18.00  | = | \$72.00       |
| Claims:                                     |                    |   |                             |   |                 |   |  |   |               |
| Independents                                | 6                  | - | 3                           | = | 3               | x | \$86.00  | = | \$258.00      |
| :   |                    |   |                             |   |                 |   |  |   |               |
| If any Multiple Dependent Claim(s) present: |                    |   |                             |   |                 | + | \$290.00                                       | = | \$0.00        |
|   |                    |   |                             |   |                 |   | SUBTOTAL:                                      | = | \$1100.00     |
| <input type="checkbox"/>                    |                    |   |                             |   |                 |   | Small Entity Fees Apply (subtract ½ of above): | = | \$0.00        |
|   |                    |   |                             |   |                 |   | TOTAL FILING FEE:                              | = | \$1,100.00    |
| Assignment Recordation Fee:                 |                    |   |                             |   |                 | + | \$40.00  | = | \$40.00       |
| TOTAL FEE                                   |                    |   |                             |   |                 |   |  | = | \$1,140.00    |

- ☒ A check in the amount of \$1,140.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Pavan K. Agarwal  
Attorney for Applicant  
Registration No. 40,888

Date December 9, 2003

FOLEY & LARDNER

Customer Number: 22428

Telephone: (202) 945-6162

Facsimile: (202) 672-5399